## CLAIMS We claim,

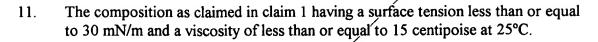
- 1. A low surface tension, low viscosity, aqueous composition, consisting essentially of an admixture of;
  - a. an acidic buffer solution,
  - b. a polar, organic solvent that is miscible in all proportions in water,
  - c. a fluoride, and
  - d. water,

where the aqueous composition has a pH of from about 3 to about 6 and is free of glycols.

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The composition as claimed in claim 1, further consisting essentially of a corrosion inhibitor.

- The composition as claimed in claim 1, wherein the acidic buffer solution contains an ammonium salt of a carboxylic acid or a polybasic acid.
- 4. The composition as claimed in claim 1, wherein the polar solvent is, monoethanolamine, n-methylethanolamine, formamide, n-methylformamide, dimethylacetamide, gamma-butyrolactone, N-methylpyrrolidone or mixtures thereof.
- 5. The composition as claimed in claim 1, where the fluoride has a composition of the general formula R<sub>1</sub>,R<sub>2</sub>,R<sub>3</sub>,R<sub>4</sub>NF, where R<sub>1</sub>,R<sub>2</sub>,R<sub>3</sub> and R<sub>4</sub> are independently hydrogen, an alcohol group, an alkoxy group, an alkyl group and mixtures thereof.
- 6. The composition as claimed in claim 2, wherein the corrosion inhibitor has a pKa of less than about 6.
- 7. The composition as claimed in claim 2, wherein the corrosion inhibitor is anthranilic acid, gallic acid, benzoic acid, malonic acid, maleic acid, fumaric acid, D,L-malic acid, isophthalic acid, phthalic acid, maleic anhydride, phthalic anhydride or mixtures thereof.
- 8. The composition as claimed in 3, wherein the acidic buffer is a solution of ammonium acetate and acetic acid.
- 9. The composition as claimed in claim 1, where the fluoride is flouroboric acid.
- 10. The composition as claimed in claim 5, where the fluoride is ammonium fluoride, tetramethyl ammonium fluoride, or tetraethyl ammonium fluoride.



- 12. A low surface tension, low viscosity, composition, consisting essentially of;
  - a. an acidic buffer solution containing acetic acid and ammonium acetate,
  - b. from 30% by weight to 90% by weight of an organic polar solvent that is miscible in all proportion in water,
  - c. from 0.1% by weight to 20% by weight of ammonium fluoride, and
  - d. from 0.5% by weight to 40% by weight of water, and
    - f. up to 15% by weight of a corrosion inhibitor wherein the pH of the composition is between 3 and 6 and the corresponding to the pH of the pH

wherein the pH of the composition is between 3 and 6 and the composition is free of glycols.

A low surface tension, low viscosity, aqueous composition, consisting essentially of an admixture of;

- a. ammonium acetate;
- b. dimethylacetamide,
- c. acetié acid,
- d. a 40% aqueous ammonium fluoride solution, and
- e. dejonized water,

where the pH of the admixture is from about 3 to about 6 and the composition is free of glycols.

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A method of removing photoresist or residue from a substrate, comprising, applying a composition according to claim 1 to the substrate at a temperature of from 20°C to 80°C for a period of time sufficient to remove the coating from the substrate.

- 15. The method as claimed in claim 14, wherein the temperature is from 20°C to 60°C.
- 16. The method as claimed in claim 14, where the temperature is from 20°C to about 40°C
- 17. The method as claimed in claim 14, where the temperature is 20°C.

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